

PC-PLD1 (K556) polyclonal antibody

Catalog: BS1686

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Activation of phosphatidylcholine-specific phospholipase D (PC-PLD) catalyzes the hydrolysis of phosphatidylcholine (PC) to generate phosphatidic acid (PA). Insulin activates the PLD-dependent hydrolysis of PC in plasma membranes of adipocytes by a mechanism that may involve wortmannin-sensitive phosphatidylinositol 3-kinase. In addition to the transient activation by growth factors stimulation, PC-PLD is constitutively activated in some of the Src- and Ras-transformed cells. PC-PLD is one of the target enzymes of ischemia; its decrease may cause a perturbation of PC hydrolysis and/or disorders of intracellular signal transduction or choline metabolism for acetylcholine formation in the brain.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

Swiss-Prot:

Q13393

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC: 1:50~1:200

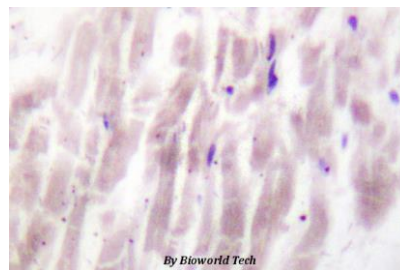
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PLD1 (K556) polyclonal antibody detects endogenous levels of PLD1 protein.

DATA:



Immunohistochemistry (IHC) analyzes of PLD1 (K556) pAb in paraffin-embedded human heart tissue.

Note:

For research use only, not for use in diagnostic procedure.

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